

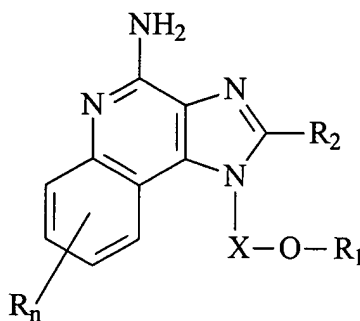
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-24 (canceled)

25 (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal a therapeutically effective amount of a compound of the formula (I):



(I)

wherein: X is $-\text{CHR}_5-$, $-\text{CHR}_5\text{-alkyl-}$, or $-\text{CHR}_5\text{-alkenyl-}$;

R_1 is selected from the group consisting of:

- $-\text{R}_4\text{-CR}_3\text{-Z-R}_6\text{-alkyl}$,
- $-\text{R}_4\text{-CR}_3\text{-Z-R}_6\text{-alkenyl}$,
- $-\text{R}_4\text{-CR}_3\text{-Z-R}_6\text{-aryl}$,
- $-\text{R}_4\text{-CR}_3\text{-Z-R}_6\text{-heteroaryl}$,
- $-\text{R}_4\text{-CR}_3\text{-Z-R}_6\text{-heterocyclyl}$,
- $-\text{R}_4\text{-CR}_3\text{-Z-H}$,
- $-\text{R}_4\text{-NR}_7\text{-CR}_3\text{-R}_6\text{-alkyl}$,
- $-\text{R}_4\text{-NR}_7\text{-CR}_3\text{-R}_6\text{-alkenyl}$,
- $-\text{R}_4\text{-NR}_7\text{-CR}_3\text{-R}_6\text{-aryl}$,
- $-\text{R}_4\text{-NR}_7\text{-CR}_3\text{-R}_6\text{-heteroaryl}$,
- $-\text{R}_4\text{-NR}_7\text{-CR}_3\text{-R}_6\text{-heterocyclyl}$, and

-R₄-NR₇-CR₃-R₈;

each Z is independently -NR₅-, -O-, or -S-;

R₂ is selected from the group consisting of:

-hydrogen,

-alkyl,

-alkenyl,

-aryl,

-heteroaryl,

-heterocyclyl,

-alkyl-Y-alkyl,

-alkyl-Y-alkenyl,

-alkyl-Y-aryl, and

-alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

-OH,

-halogen,

-N(R₅)₂,

-CO-N(R₅)₂,

-CO-C₁₋₁₀ alkyl,

-CO-O-C₁₋₁₀ alkyl,

-N₃,

-aryl,

-heteroaryl,

-heterocyclyl,

-CO-aryl, and

-CO-heteroaryl;

each R₃ is =O or =S;

each R₄ is independently alkyl or alkenyl, which may be interrupted by one or more -O- groups;

each R₅ is independently H or C₁₋₁₀ alkyl;

R₆ is a bond, alkyl, or alkenyl, which may be interrupted by one or more

–O– groups;

R₇ is H, C₁₋₁₀ alkyl, or arylalkyl; or when **R₄** is alkyl and **R₇** is C₁₋₁₀ alkyl, **R₄** and **R₇** can join together to form a piperidine ring;

R₈ is H or C₁₋₁₀ alkyl;

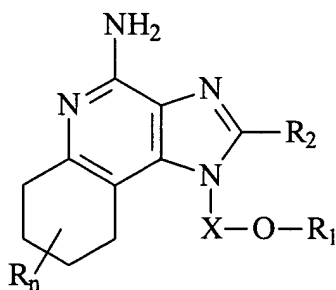
each **Y** is independently –O– or –S(O)₀₋₂;

n is 0 to 4; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

26 (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal a therapeutically effective amount of a compound of the formula (II):



(II)

wherein: **X** is –CHR₅–, –CHR₅–alkyl–, or –CHR₅–alkenyl–;

R₁ is selected from the group consisting of:

- R₄–CR₃–Z–R₆–alkyl,
- R₄–CR₃–Z–R₆–alkenyl,
- R₄–CR₃–Z–R₆–aryl,
- R₄–CR₃–Z–R₆–heteroaryl,
- R₄–CR₃–Z–R₆–heterocyclyl,
- R₄–CR₃–Z–H,

-R₄-NR₇-CR₃-R₆-alkyl,
-R₄-NR₇-CR₃-R₆-alkenyl,
-R₄-NR₇-CR₃-R₆-aryl,
-R₄-NR₇-CR₃-R₆-heteroaryl,
-R₄-NR₇-CR₃-R₆-heterocyclyl, and
-R₄-NR₇-CR₃-R₈;

each **Z** is independently -NR₅-, -O-, or -S-;

R₂ is selected from the group consisting of:

-hydrogen,
-alkyl,
-alkenyl,
-aryl,
-heteroaryl,
-heterocyclyl,
-alkyl-Y-alkyl,
-alkyl-Y-alkenyl,
-alkyl-Y-aryl, and
-alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

-OH,
-halogen,
-N(R₅)₂,
-CO-N(R₅)₂,
-CO-C₁₋₁₀ alkyl,
-CO-O-C₁₋₁₀ alkyl,
-N₃,
-aryl,
-heteroaryl,
-heterocyclyl,
-CO-aryl, and
-CO-heteroaryl;

each R_3 is =O or =S;

each R_4 is independently alkyl or alkenyl, which may be interrupted by one or more -O- groups;

each R_5 is independently H or C_{1-10} alkyl;

R_6 is a bond, alkyl, or alkenyl, which may be interrupted by one or more -O- groups;

R_7 is H, C_{1-10} alkyl, or arylalkyl; or when R_4 is alkyl and R_7 is C_{1-10} alkyl, R_4 and R_7 can join together to form a piperidine ring;

R_8 is H or C_{1-10} alkyl;

each Y is independently -O- or $-S(O)_{0-2}$;

n is 0 to 4; and

each R present is independently selected from the group consisting of C_{1-10} alkyl, C_{1-10} alkoxy, hydroxy, halogen, and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.